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One Metropolitan Square, 16th Floor  
St. Louis, Missouri 63102Telephone (314) 231-5400  
Facsimile (314) 231-4342

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## FACSIMILE TRANSMITTAL COVER SHEET

DATE: July 5, 2002 ATTORNEY DOCKET NUMBER: WSHU 2005.1PTO FACSIMILE NUMBER: 703-305-3014PLEASE DELIVER THIS FACSIMILE TO: Examiner Monika B. SheinbergTHIS FACSIMILE IS BEING SENT BY: Debra D. Nye, Esq.NUMBER OF PAGES: 6 INCLUDING COVER SHEETTIME SENT: 4:17 OPERATOR'S NAME Tracy L. Nelson-Dees

## CERTIFICATION OF FACSIMILE TRANSMISSION

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Signature DateType of paper transmitted: Response to Notice of Non-Responsive  
AmendmentApplicant's Name: Washington UniversitySerial No. (Control No.): 09/637/216Filing Date: August 11, 2000Application Title: ANTIBACTERIAL COMPOUNDS DIRECTED AGAINST PILUS  
BIOGENESIS, ADHESION AND ACTIVITYIF YOU DO NOT RECEIVE ALL PAGES CLEARLY, CALL BACK AS SOON AS  
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WSHU 2005.1  
PATENT

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of Hultgren et al.

Art Unit 1631

Serial No. 09/637,216

Filed August 11, 2000

Confirmation No. 7884

For ANTIBACTERIAL COMPOUNDS DIRECTED AGAINST PILUS BIOGENESIS,  
ADHESION AND ACTIVITY

Examiner Monika B. Sheinberg

#17/B  
Punkett  
7/8/02

July 5, 2002

RESPONSE TO NOTICE OF NON-RESPONSIVE AMENDMENT

TO THE ASSISTANT COMMISSIONER FOR PATENTS,

SIR:

In the Office action and Notice of Non-Responsive Amendment dated June 11, 2002, the Office stated that claims 1 and 12 contained discrepancies in Applicants' AMENDMENT B between the clean copy and the marked up version. In response to this Office action, please enter the following amendments:

IN THE CLAIMS:

Please replace claim 1 with the following:

B1  
1. (once amended) An isolated compound which inhibits pilus assembly, said compound comprising a mimic of a chaperone G<sub>1</sub> beta-strand or a mimic of an amino terminal motif of a pilus subunit, with at least two alternating hydrophobic amino acid residues or a 10 to 20 residue peptide according to formula (I):

(I)  $Z_1-Z_2-X_1-X_2-X_3-X_4-X_5-X_6-X_7-X_8-X_9-X_{10}-Z_3-Z_4$   
or a pharmaceutically-acceptable salt thereof, wherein:

$Z_1$  is R-C(O)-NR- or RRN-;

$Z_2$  is an optional 1 to 5 residue peptide or peptide analog;

$X_1$  is any amino acid residue;

$X_2$  is any amino acid residue;

$X_3$  is a hydrophobic residue or a hydroxyl-substituted aliphatic residue;

$X_4$  is any amino acid residue;

$X_5$  is a hydrophobic residue or Gly;

$X_6$  is a hydrophobic or a hydrophilic residue;

$X_7$  is Gly, an amide-substituted polar residue or a hydrophobic residue;